Decision 12-06-021 June 21, 2012

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Investigation for the purpose of establishing a list for the fiscal years 2012-2013 and 2013-2014 of existing crossings at grade of city streets, county roads or state highways in need of separation, or existing separations in need of alterations or reconstruction in accordance with Section 2452 of the Streets and Highways Code.

Investigation 11-07-022 (Filed July 28, 2011)

INTERIM DECISION ESTABLISHING THE CALIFORNIA GRADE SEPARATION FUND PRIORITY LIST FOR FISCAL YEAR 2012 – 2013

1. Summary

This interim decision establishes the California Grade Separation Fund Priority List for Fiscal Year 2012-2013, as required by Streets and Highways Code Section 2452. In accordance with our adopted procedure, we order Investigation 11-07-022 to remain open until we issue our final decision establishing the California Grade Separation Priority List for Fiscal Year 2013-2014.

2. Background and Introduction

We initiated this proceeding by issuing Order Instituting Investigation (I.) 11-07-022 on July 28, 2011, to create the California Grade Separation Program

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Priority Lists (Priority List) for Fiscal Years 2012-2013 and 2013-2014. The Priority List establishes the relative priorities for allocation of funds to qualified projects for eliminating or altering hazardous railroad crossings under Streets and Highways (S&H) Code § 2450 *et seq.* These projects include construction of new grade separations to replace existing at-grade crossings, or alteration or reconstruction of existing grade separations. Section 190 of the S&H Code requires the State's annual budget to include \$15 million for funding these projects.

S&H Code § 2452 requires the California Public Utilities Commission (Commission) to establish the Priority List for projects and furnish it to the California Transportation Commission (CTC) by July 1st of each year for use in the fiscal year beginning on that date. The CTC is responsible for allocating (distributing) the funds to qualified projects, a responsibility it has delegated to the California Department of Transportation (Caltrans).¹

Every two years, the Commission issues a new Order Instituting
Investigation (OII), in which it determines the Priority List for the next two Fiscal
Years (FY). The Commission adopts the Priority List for the first FY by interim
decision issued before that FY begins. The Commission then revises the
Priority List for the second FY by deleting projects for which funds were actually
allocated in the first, adopting a revised Priority List by final decision before the
second FY begins. The two-year funding cycle begins again with the issuance of
a new OII for the creation of a new Priority List for the following two FYs.

¹ S&H Code § 2453.

Our procedure also requires local agencies to furnish planned grade separation project nominations to this Commission in response to an announcement made a year prior to the cycle. The Commission reviews each nominated project to ensure that it is eligible for the California Grade Separation Program and holds a series of hearings so that nominating agencies may present each proposal, answer questions about its content, and confirm its accuracy. Attendance and participation in these hearings is mandatory for any project proponent. The Commission's Consumer Protection and Safety Division (CPSD) staff (Staff) adjusts the draft priority list in accordance with evidence received at the hearings, and the list is presented to the Commission for adoption by interim decision.

The Priority List is a comparative evaluation of all qualified projects nominated and accepted for inclusion in this investigation, with the priority index value based on one of the two formulas that staff uses to rank projects, as published in Appendix 2 of I.11-07-022: one formula for crossings nominated for separation or elimination, and the other for existing grade separations in need of alteration or renovation. The formulas incorporate crossing inventory and accident data submitted in the nomination forms and verified by staff. Staff reviews each application for qualification and creates the prioritized list from the nomination data entered into a Microsoft Excel spreadsheet that calculates the priority index value for each project. Appendix A of this decision shows the 2012–2013 Priority List, by project, in ranking order. The Service List for this proceeding is shown in Appendix B of this decision.

3. Establishment of the Fiscal Year 2012-2013 Priority List

After I.11-07-022 was issued, CPSD notified railroads, light rail transit agencies, cities, counties, and other interested parties that nominations were due by October 21, 2011, for grade separation projects proposed to be included in the current priority list. CPSD received a total of 78 timely submitted nominations for projects to be included in the current list.² By ruling issued via electronic mail on January 12, 2012 (and confirmed in a formal ruling on April 5, 2012), the assigned Administrative Law Judge (ALJ) established a procedural schedule for the FY 2012-2013 part of the proceeding. After evaluating each nominated project, Staff produced a preliminary Priority List on February 10, 2012, from the data furnished in the written nominations. The ALJ held hearings in San Francisco and Los Angeles between April 30 and May 3, 2012. At the conclusion of the hearings, the 2012-2013 Priority List was finalized by CPSD to include 75 nominations - one project did not qualify so is rejected, one nomination was withdrawn, and two other projects were consolidated as one project nomination consisting of multiple crossings projects. As discussed above, the statutory procedure for creating the fiscal year 2012-2013 Priority List was properly followed, and all corrections to the draft were properly made. We will therefore adopt the final Priority List developed by CPSD without change for purposes of allocating funds in the California Grade Separation Fund (see Appendix A to this decision).

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² One additional nomination was accepted from the City of Coachella.

4. Categorization and Need for Hearing

This proceeding has been categorized as quasi-legislative. Hearings were held in accordance with our adopted procedure for establishing the biennial Priority List.

5. Comments on Proposed Decision

The proposed decision of Commissioner Florio in this matter was mailed to the parties in accordance with Section 311 of the Public Utilities Code and comments were allowed under Rule 14.3 of the Commission's Rules of Practice and Procedure. No comments were received.

6. Assignment of Proceeding

Michel Peter Florio is the assigned Commissioner and Seaneen M. Wilson is the assigned ALJ in this proceeding.

Findings of Fact

- 1. Written notification of the opportunity to submit nominations for separation of existing railroad grade crossings, or alteration or reconstruction of existing separations, pursuant to S&H Code § 2451, was given to railroads, light rail transit agencies, cities, counties, and others on the service list compiled at the conclusion of the previous Priority List proceeding, and the notice advised them of the deadline to file a nomination for each grade separation project they sought to include in the FY 2012-2013 Priority List.
- 2. CPSD received a total of 78 timely-submitted nominations for projects to be included in the current list.
- 3. Staff ranked all nominations accepted in this proceeding in priority, and the methodology utilized by CPSD to rank the nominations in priority order is that which we have adopted in I.11-07-022.

- 4. The 2012-2013 Priority List was finalized by CPSD to include 75 nominations one project did not qualify so is rejected, one nomination was withdrawn, and two other projects were consolidated as one project nomination consisting of multiple crossings projects.
- 5. The Priority List attached as Appendix A consists of projects that were received for the record, properly supported, and put in priority order by Staff in accordance with our adopted methodology in this proceeding.
 - 6. The Service List is attached as Appendix B.

Conclusions of Law

- 1. Appendix A should be adopted as the FY 2012-2013 Priority List in this proceeding.
- 2. The effective date of the Interim Order must be no later than June 30, 2012, in order to comply with S&H Code § 2452.
- 3. This proceeding should remain open for the purpose of creating the Fiscal Year 2013-2014 Priority List.

INTERIM ORDER

IT IS ORDERED that:

- 1. Pursuant to California Streets and Highways Code Section 2452, the California Grade Separation Priority List attached as Appendix A is established for Fiscal Year 2012-2013 as the list, in order of priority, of projects which the Commission determines to be most urgently in need of separation, alteration, or reconstruction.
- 2. The Executive Director shall furnish certified copies of this decision to the California Department of Transportation and the California Transportation Commission by not later than July 1, 2012.

- 3. Investigation 11-07-022 must remain open until we issue our final decision.
- 4. Staff must take all necessary actions to establish the California Grade Separation Priority List for Fiscal Year 2013-2014 in a timely manner, as required by law.

This order is effective today.

Dated June 21, 2012, at San Francisco, California.

MICHAEL R. PEEVEY
President
TIMOTHY ALAN SIMON
MICHEL PETER FLORIO
CATHERINE J.K. SANDOVAL
MARK J. FERRON
Commissioners

Appendix A California Grade Separation Program Priority List for Fiscal Year 2012 - 2013

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share (M)	AH/ WC	BD/ HC	VS / SR	RS / AS	CG / POF	PT / AP	OF / DE	SCF/ SF	Priority Index
1	City of Santa Fe Springs	Norwalk Blvd/Los Nietos Rd	BBJ-497.28 & 002- 153.10	027649P& 027650J	BNSF	32624	133	0	5000	18	6	5	8	24	20	14.5	77.3	16565.5
2	City of Santa Fe Springs	Rosecrans Ave/Marquardt Ave	002-157.80	027656A	BNSF	31086	133	0	5000	8	5	3	4	11	10	11.0	43.8	7485.8
3	County of Riverside	Magnolia Avenue (2B- 20.2D, 2B- 20.30, 2B-20.35 & 2B-20.4D)	002B- 20.20D, 002B-20.30, 002B-20.35 & 002B- 20.40D	027472A, 026517B, 026518H & 027471T	BNSF	17085	82	0	5000	20	4	3	3	30	4	12.0	55.6	5939.7
4	Alameda Corridor- East Construction Authority	Nogales Street	003-22.40	811479J	UPRR	42680	41	0	5000	11	1	2	5	10	5	13.5	36.8	4236.5
5	Orange County Transportati on Authority (Santa Ana)	17th Street	101OR- 174.70	026699P	SCRRA	32412	66	0	5000	5	2	2	6	9.2	9	13.5	41.7	2608.7
6	City of Corona	McKinley Street	002B-21.20	026519P	BNSF	22603	82	0	5000	5	5	2	4	11	5	11.0	38.2	2262.3
7	City of Riverside	3rd Street	002B- 9.50/003- 57.90 & 001BJ- 545.80	026480N & 747081T	BNSF/U PRR	22120	77	0	5000	5	8	4	8	18	4	11.5	53.8	2097.7
8	City of Ontario	San Antonio Avenue	003-37.10 & 001B-519.60	810893U & 746939G	UPPR	9391	80	0	5000	12	3	1	4	14. 0	5	10.5	37.5	1990.8
9	Orange County Transportati on Authority (Santa Ana)	Grand Avenue	101OR- 176.20	026741L	SCRRA	30430	67	0	5000	3	1	3	7	4.0	9	12.5	36.5	1667.5
10	City of Lodi	Harney Lane	001BEL- 73.84	752902F	UPRR	15,69	39	0	2000	4	3	3	3	7.2	4	10.5	30.7	1561.0

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share (M)	AH/ WC	BD/ HC	VS / SR	RS/ AS	CG/ POF	PT / AP	OF / DE	SCF/ SF	Priority Index
						5												
11	City of Burlingame	Broadway Avenue	105E-15.20	754879V	PCJPB	30658	86	0	10000	4	2	0	6	9	10	12	39	1357.3
12	City of Riverside	Riverside Avenue	003-55.60	811012J	UPRR	16426	33	0	5000	9	2	1	4	11	4	12.0	34.1	1118.2
13	Greater Bakersfield Separation of Grade District	Morning Drive (SR 184)	001B-317.50	757413M	UPRR	16400	54	0	5000	5	3	3	5	12	0	12.0	34.7	1097.4
14	Orange County Transportati on Authority (Anaheim)	Orangethorpe Avenue	101OR- 166.20	026640A	SCRRA	25466	52	0	5000	3	2	2	6	6.0	7	9.0	32.0	1091.4
15	Los Angeles County DPW	Fullerton Road	003-21.40	810880T	UPRR	20758	41	0	5000	5	2	1	5	10	5	8.5	31.8	1053.1
16	City of Montclair	Monte Vista Avenue	001B- 517.40 & 003-35.00	746936L & 810896P	UPRR	11948	80	0	5000	4	5	2	5	19	5	10.5	46.5	1002.3
17	County of Riverside	Clay Street	003-50.90	906015V	UPRR	15782	34	0	5000	7	1	1	5	10	4	10.0	30.5	889.1
18	City of Riverside	Mary Street	002B-13.00	026499F	BNSF	11700	85	0	5000	3	4	2	4	10	5	12.0	37.3	832.9
19	City of Fullerton	Raymond Avenue	002B-45.00	026581A	BNSF	16200	82	0	5000	2	4	1	4	9	4	9.0	31.0	828.0
20	City of Fullerton	State College Boulevard (2B- 44.04)	002B-44.04	026579Y	BNSF	24100	82	0	5000	1	4	2	4	10	4	9.0	33.0	823.5
21	Port of Los Angeles	Fries Avenue	121SB- 1.80C & 121SA-1.70- C	747735Y & 747734S	PHL	12088	64	0	5000	4	10	2	0	19	0	9.5	40.4	814.0
22	Alameda Corridor- East	Ramona Street Mission Drive Del Mar Avenue	001B-490.20 001B-490.30 001B-490.70	746879A 746880U 746882H	UPRR	89740	15	0	20000	10	2	1	5	36	1	18.5	63.7	804.0

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share (M)	AH/ WC	BD/ HC	VS / SR	RS/ AS	CG / POF	PT / AP	OF / DE	SCF/ SF	Priority Index
	Construction Authority	San Gabriel Blvd	001B-491.20	746883P														
23	Orange County Transportati on Authority (Anaheim)	Ball Road	101OR- 169.20	026649L	SCRRA	34867	52	0	5000	1	2	2	6	9.6	7	13.5	40.1	765.3
24	Madera County Road Department	Avenue 12	002-1015.10	028601R	BNSF	11650	42	0	6012	7	2	5	6	4	4	10.5	31.7	682.8
	City of		001BEL-															
25	Stockton	West Lane	82.14 101RI-1.36A	752897L 027606W	UPRR	29429	24	0	4000	2	2	1	3	7	2	13.0	27.8	557.5
26	City of Los Angeles	North Spring Street*	& 101RI-1.36A & 101RI- 481.48A	& 811042B	SCRRA	18808	132	0	5000	10	0	5	2.7	4	5	7.0	33.7	530.2
27	Los Angeles County DPW	Turnbull Canyon Road	003-17.20	810867E	UPRR	12068	41	0	5000	4	1	1	5	11	5	7.5	30.1	524.8
28	City of Riverside	Madison Street	002B-13.70	026501E	BNSF	13367	85	0	5000	1	3	2	4	8	5	11.0	33.3	487.8
	San Bernardino Associated Government s																	
30	(SANBAG) City of San Mateo	Palm Avenue Poplar Avenue* Santa Inez Avenue* Monte Diablo Avenue* Tilton Avenue*	002-74.00 105E- 17.20B 105E- 17.30B 105E- 17.40B 105E- 17.50B	754896L 754897T 754898A 754899G	BNSF PCJPB	5037	84	0	5000	0	38	18	1.8	5.4	29	8.5 32.0	26.9	450.0 440.0
31	City of Tulare	Cartmill Avenue	001B-247.90	756975E	UPRR	3505	20	0	350	1	1	5	5	7	0	11.5	29.9	430.5

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share (M)	AH/ WC	BD/ HC	VS / SR	RS/ AS	CG/ POF	PT/ AP	OF / DE	SCF/ SF	Priority Index
32	City of Coachella	Avenue 52	001B-615.50	760723K	UPRR	12387	40	0	5000	3	2	4	6	9.4	2	11.5	33.9	430.2
33	Los Angeles County DPW	Fairway Drive	003-23.40	810883N	UPRR	22551	41	0	5000	1	1	2	4	9	5	8.5	30.0	399.8
34	City of Los Angeles	North Main Street	101RI-1.17 & 101RI- 481.70	027607D & 811040M	SCRRA	5442	132	0	5000	1	10	2	1	22	10	14.5	59.0	346.4
35	City of Elk Grove	Grant Line Road	001BEL- 53.94	752746W	UPRR	16081	24	0	5000	3	2	5	2	6.0	2	9	26.0	334.7
36	City of Bakersfield	Kratzmeyer Road	002-897.33	028380R	BNSF	3865	37	0	5000	9.2	2	5	4	8	4	10.0	32.8	324.5
37	City of Redding	South Street	001C-258.00	750509D	UPPR	7523	49	0	5000	3	1	0	2	10	1	11.0	25.4	320.3
38	City of Ontario	Campus Avenue	003-38.30 & 001B-520.70	810907A & 746944D	UPRR	5737	80	0	5000	2	3	1	4	17. 2	5	10.0	40.2	315.6
39	County of Fresno	Mountain View Avenue	001B-222.50	750625S	UPRR	11495	17	0	5000	6	1	3	5	7.7	0	11.5	28.2	301.8
40	Kern County	Hageman Road	002-895.20	028376B	BNSF	12000	37	0	5000	2	2	5	4	7	4	10.0	31.7	298.1
41	City of Hayward	Tennyson Road	001D-23.00	749774W	UPRR	26415	28	0	11256	3	1	1	3	6	4	15	30	292.8
42	San Bernardino County	Vista Road	002-22.00	026068N	BNSF & UPRR	6470	103	0	5000	1	1	5	2	8	1	9.0	26.0	292.6
43	City of Fremont	Warren Avenue	001DA- 36.20 & 004G-6.70	750073E & 833885S	UPRR/V TA	15713	28	0	5000	2	2	1	0	13	0	10.5	26.5	290.5
44	City of Ontario	Milliken Avenue (3-43.4)	003-43.40	810913D	UPRR	20217	21	0	5000	2	2	4	5	11	4	9.5	35.3	290.1
45	Los Angeles County DPW	Avenue S	101VY- 66.92	750601D	SCRRA	21240	30	0	5000	1	1	5	3	9	5	10.5	33.5	288.4
46	City of Shafter	Lerdo Highway	002-905.13	028390W	BNSF	9141	35	0	5000	3	2	1	4	9	4	9.5	29.3	285.2
47	Los Angeles County DPW	El Segundo Boulevard	001BBH- 492.60 & 084L-10.40	747868R	UPRR/L ACMTA	8352	4	247	5000	4	3	1	2	12	10	12.5	40.5	280.2

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share (M)	AH/ WC	BD/ HC	VS / SR	RS/ AS	CG / POF	PT / AP	OF / DE	SCF/ SF	Priority Index
	San Bernardino Associated Government s																	
48	(SANBAG)	Laurel Street	002B-02.10	026449C	BNSF	3231	92	0	5000	3	5	1	1	9.2	3	9.0	28.2	266.0
40	City of	Bardsley	0040 050 70	75000D	UPRR	40700	24		3000	2	1	0	5	7	0	13.0	20.4	255.0
49	Tulare	Avenue	001B-250.70	756982P	UPKK	10789	21	0	3000		1	2	5		0	13.0	28.4	255.0
50	City of Ontario	Archibald Avenue	003-41.20	810911P	UPRR	9513	21	0	5000	4	1	2	5	14	4	9.5	35.3	235.1
30	Ontano	Avenue	003-41.20	0109111	UPKK	9313	21	U	3000	4	- '		3	14	4	9.5	33.3	233.1
51	Kern County	Olive Drive	001B-308.9	756945M	UPRR	20000	17	0	5000	2	1	3	5	9	0	11.0	28.8	232.8
	City of	Cleveland																
52	Madera	Avenue	001B-182.60	760982W	UPRR	25752	19	0	14984	5	1	2	2	8.6	0	11.5	25.1	221.0
53	City of Ontario	Grove Avenue*	001B- 521.40-B	746956X	UPRR	27351	34	0	5000	6	0	2	2	3	2	2.0	17.0	203.0
54	Alameda Corridor- East Construction Authority	Baldwin Avenue	001B-493.60	746890A	UPRR	28000	15	0	5000	1	1	2	4	10. 5	1	9.5	27.98	196.0
55	City of Bakersfield	Baker St- E.Truxtun Ave.	Consolidatio n 002- 885.77 002- 885.95 002- 886.20 002- 886.40	028284N 028285V 028288R 028289X	BNSF	15885	35	0	20000	3	17	6	0	35	0	11.5	69.4	180.6
56	Orange County Transportati on Authority (Orange)	Main Street	101OR- 171.50	026655P	SCRRA	13601	52	0	5000	0	1	2	6	7.8	7	12.0	35.8	177.3
	San																	
57	Bernardino County	Cherry Avenue*	001B- 529.40-A	746973N	UPRR	18649	42	0	5000	0	0	0	0	2	1	1.0	4.0	160.7
58	San Bernardino	National Trails Hwy @Oro Grande*	002-30.60-B	026075Y	BNSF	5956	85	0	5000	6	8	5	1.7	7	10	8.0	45.7	147.0

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share (M)	AH/ WC	BD/ HC	VS / SR	RS/ AS	CG / POF	PT/ AP	OF / DE	SCF/ SF	Priority Index
59	San Bernardino County	Glen Helen Parkway	001BB- 480.10 & 002-71.00	747017U & 026103A	UPRR & BNSF	1173	108	0	5000	3	1	5	2	18	1	9.0	36.1	137.4
60	San Bernardino Associated Government s (SANBAG)	Lenwood Road	002-5.70	026062X	BNSF & UPRR	4684	84	0	5000	0	5	5	6	9	1	9.5	35.7	114.4
	City of		001BEL-											12.	•			
61	Stockton	Alpine Avenue	81.94	752898T	UPRR	17243	24	0	5000	0	3	2	0	0	2	11.0	30.0	112.7
62	City of Lathrop	Lathrop Road	001BEL- 92.84	752781K	UPRR	12975	22	0	4000	0	2	3	4	8	3	10.5	30.5	101.9
63	City of Newark	Central Avenue	001L-31.10	749943G	UPRR	11291	31	0	5000	0	2	2	4	9	4	9.5	30.6	100.6
64	City of Ontario	Vineyard Avenue	001B-522.40	746960M	UPRR	9939	33	0	5000	0	2	3	4	6	1	13.0	29.0	94.6
65	Los Angeles County DPW	Sierra Highway at Barrel Springs Road	101VY- 65.58 101VY- 65.77	750600W & 750644W	SCRRA	2894	30	0	5000	2	2	2	8	11	10	7.5	40.9	93.0
66	City of Rocklin	Midas Avenue	001AI- 110.90 & 001A-110.90	750568F & 750569M	UPRR	7845	27	0	3975	0	4	0	0	18	4	11.0	36.8	90.1
67	Kern County	Rosedale Highway (SR 58)	103Q- 113.20	029473N	SJVR	49500	7	0	5000	0	1	3	0	3	0	11.0	18.0	87.3
	Port of		002-				40	0			4	0	0	0.0	0			
68	Stockton	Navy Drive* Reina Road Renfro Road	1123.60-B	029634G	BNSF	17500	19	0	5000	6	4	2	0	2.0	2	4.0	20.0	86.5
69	Kern County	Jenkins Road	002-896.62	028379W	BNSF	1150	37	0	5000	5	1	5	4	4	4	11.0	28.8	79.9
70	Madera County Road Department	Avenue 9	002-1011.50	028595P	BNSF	5985	42	0	6302	0	2	5	6	8	4	9.0	34.2	74.0

Rank	Agency	Crossing	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost	AH/	BD/	VS/	RS/	CG/	PT/	OF/	SCF/	Priority
		Location							Share (M)	WC	HC	SR	AS	POF	AP	DE	SF	Index
	0 1	Lower	004051						(***)									
71	San Joaquin Countv	Sacramento Road*	001BEL- 65.94-B	752925M	UPRR	4860	28	0	5000	10	4	5	1.3	6	5	8.0	39.3	66.5
—		112212						0					1.5					
72	Kern County	Snow Road	001B-307.40	756948H	UPRR	16000	13	0	5000	0	1	3	4	6	0	10.0	24.0	65.6
			001B-															
73	Kern County	Airport Drive*	309.60-B	756943Y	UPRR	24583	12	0	5000	0	0	0	0.4	2.0	2	2.0	6.4	65.4
	San Bernardino																	
74	County	Newberry Road	002-724.80	026044A	BNSF	196	85	0	5000	0	1	5	7	7.2	1	7.0	28.2	31.5
	City of																	
75	Brentwood	Lone Tree Way	001B-59.10	751831H	UPRR	19020	1	0	5000	0	1	3	2	5.2	0	7	18.2	22.0

California Grade Separation Program Priority List for Fiscal Year 2012-2013 - By Rank

Key to Table Header & Railroads

Note: VEH- Vehicle, TRN – Train, LTRN – Light Rail Trains, COST Share – Project Cost Share (a cost of more than \$5 million is permitted for qualified projects per S&H Code Section 2454 (h) for multi-year funding)

Formula For Crossing Nominated For Separation Or Elimination:

AH – Accident History **BD** – Crossing Blocking Delay

VS - Vehicular Speed Limit
CG - Crossing Geometrics
RS - Rail Speed Limit
PT - Passenger trains

SCF- Special Conditions Factor OF-Other Factors (Passenger Buses, School Buses, Hazmat Trucks, Community Impact)

*Formula For Existing Separations Nominated For Alteration or Reconstruction:

WC – Width Clearance HC– Height Clearance

SR – Speed Reduction AS – Accidents Near Structure

POF – Probability of Failure AP – Accident Potential DE – Delay Effects SF - Separation Factor

Railroad Abbreviations:

BNSF: BNSF Railway Company

LACMTA: Los Angeles County Metropolitan Transportation

Authority

PCJPB: Peninsula Corridor Joint Powers Board (Caltrain)

PHL: Pacific Harbor Line

SCRRA: Southern California Regional Rail Authority (Metrolink)

SJVR: San Joaquin Valley Railroad

UPRR: Union Pacific Railroad Company

VTA: Santa Clara Valley Transportation Authority

(End of Appendix A)

Appendix B Service List

Parties

JIM TREADAWAY PRINCIPAL CIVIL ENGINEER
CITY OF LOS ANGELES 1149 S. BROADWAY, ROOM 750

20500 MADRONA AVENUE
LOS ANGELES, CA 90012

TORRANCE, CA 90503-2684 FOR: CITY OF LOS ANGELES

NOE NEGRETE ASSIST. DIR.-PUBLIC WORKS

TRANSPORTATION ENGINEER
CITY OF SANTA FE SPRINGS

1710 TELEGRAPH ROAD

SANTA FE SPRINGS, CA 90670

FOR: CITY OF SANTA FE SPRINGS

FOR: PORT OF LOS ANGELES

1710 SAN PEDRO, CA 90731

FOR: PORT OF LOS ANGELES

CHARLES C. TSANG SENIOR PROJECT MANAGER ALAMEDA CORRIDOR-EAST CONSTRUCTION AUTH MONTCLAIR DEPARTMENT OF PUBLIC WORKS 4900 RIVERGRADE ROAD, STE. A120 PO BOX 2308 / 5111 BENITO STREET IRWINDALE, CA 91706 MONTCLAIR, CA 91763 FOR: ALAMEDA CORRIDOR-EAST CONSTRUCTION FOR: CITY OF MONTCLAIR AUTHORITY

CINDY HACKETT PRINCIPAL ENGINEER CITY OF ONTARIO 303 EAST B STREET ONTARIO, CA 91764 FOR: CITY OF ONTARIO

JONATHAN HOY CITY ENGINEER CITY OF COACHELLA 1515 SIXTH STREET COACHELLA, CA 92236 FOR: CITY OF COACHELLA

BARBARA FORTMAN PROJECT MANAGER SAN BERNARDINO ASSOCIATED GOVERNMENTS

1170 W. 3RD STREET, 2ND FLOOR

SAN BERNARDINO, CA 92410-1715

FOR: SAN BERNARDINO ASSOCIATED

CHIEF TRANSPORTATION PLANNING

SAN BERNARDINO COUNTY-PUBLIC WORKS DEP

825 E. THIRD ST., ROOM 143

SAN BERNARDINO, CA 92415-0835

FOR: SAN BERNARDINO COUNTY GOVERNMENTS

ROBERT BESTE PUBLIC WORKS DIRECTOR CITY OF TORRANCE FOR: CITY OF TORRANCE

SUE LAI 425 S. PALOS VERDES, 3RD FLOOR

MICHAEL C. HUDSON CITY ENGINEER

ALLAN ABRAMSON L. A. COUNTY - DEPT. OF PUBLIC WORKS 900 S. FREMONT AVENUE, 11TH FLOOR - PDD ALHAMBRA, CA 91802-1331 FOR: LOS ANGELES COUNTY

JOHN GUINN CITY MANAGER CITY OF SHAFTER 336 PACIFIC AVENUE SHAFTER, CA 92363 FOR: CITY OF SHAFTER

CARRIE SCHINDLER CHIEF TRANSPORTATION PLANNING

NAJEE ZARIF ASSOCIATE CIVIL ENGINEER SAN JOAQUIN COUNTY SAN JOAQUIN COUNTY 1810 EAST HAZELTON AVENUE STOCKTON, CA 92505 FOR: SAN JOAQUIN COUNTY

THUY NGUYEN CIVIL ENGINEER CITY OF FULLERTON 303 WEST COMMONWEALTH AVENUE FULLERTON, CA 92632 FOR: CITY OF FULLERTON

PATRICIA ROMO DEP. DIR. - TRANSPORTATION RIVERSIDE COUNTY TRANSPORTATION DEPT.
4080 LEMON STREET, 8TH FLOOR
RIVERSIDE, CA 92881 FOR: RIVERSIDE COUNTY

MIKE WHITLOCK CITY ENGINEER CITY OF TULARE 411 E. KERN AVENUE TULARE, CA 93274 FOR: CITY OF TULARE

JOHN SCHULER ENGINEER BAKAERSFIELD COUNTY

1800 30TH STREET, STE. 260

1501 TRUXTUN AVENUE
BAKERSFIELD, CA 93301

BAKERSFIELD, CA 93301 FOR: GREATER BAKERSFIELD SEPARATION OF FOR: CITY OF BAKERSFIELD GRADE DISTRICT

JOHANNES HOEVERTSZ ROAD COMMISSIONER COUNTY OF MADERA 2037 W. CLEVELAND AVE., MAIL STOP D MADERA, CA 93637 FOR: COUNTY OF MADERA

ALAN WEAVER DIR. - PW&P COUNTY OF FRESNO 2220 TULARE STREET, 8TH FLOOR 501 PRIMROSE ROAD FRESNO, CA 93721-2104 BURLINGAME, CA 94 FOR: COUNTY OF FRESNO

DEBBIE ANDERSON SENIOR ENGINEER CITY OF RIVERSIDE 3900 MAIN ST., 4TH FLOOR RIVERSIDE, CA 92522 FOR: CITY OF RIVERSIDE

MARY TOUTOUNCHI PROGRAM MANAGER ORANGE COUNTY TRANSPORTATION AUTHORITY 550 S. MAIN ST. ORANGE, CA 92863 FOR: ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)

CLINT HERRERA SENIOR CIVIL ENGINEER CITY OF CORONA 400 SOUTH VICENTIA AVENUE, STE. 210 CORONA, CA 92882-2187 FOR: CITY OF CORONA

CRAIG POPE ROAD DEPT. DIRECTOR COUNTY OF KERN 2700 M STREET, SUITE 400 BAKERSFIELD, CA 93301 FOR: COUNTY OF KERN

RAUL ROJAS PUBLIC WORKS DIRECTOR

MARILYN OLSON, P.E. ASSOCIATE CIVIL ENGINEER CITY OF MADERA 3035 W. MESA AVENUE MADERA, CA 93711 FOR: CITY OF MADERA

SYED MURTUZA PUBLIC WORKS DIRECTOR CITY OF BURLINGAME BURLINGAME, CA 94010 FOR: CITY OF BURLINGAME

LARRY PATTERSON
PUBLIC WORKS DIRECTOR
CITY OF SAN MATEO
330 WEST 20TH AVE.
SAN MATEO, CA 94403-1388
FOR: CITY OF SAN MATEO

KUNLE ODUMADE
CITY TRANSPORTATION ENGINEER
CITY OF FREMONT
39550 LIBERTY ST.
FREMONT, CA 94537
FOR: CITY OF FREMONT

PEGGY CLAASSEN
PUBLIC WORKS DIRECTOR
CITY OF NEWARK
37101 NEWARK BLVD.
NEWARK, CA 94560
FOR: CITY OF NEWARK

JUAN G. VILLANUEVA
PROJECTS & CONTRACT ADMIN.
PORT OF STOCKTON
2201 W. WASHINGTON ST.
STOCKTON, CA 95203
FOR: PORT OF STOCKTON

RYAN BOULEY
SENIOR CIVIL ENGINEER
CITY OF LATHROP
390 TOWNE CENTRE DRIVE
LATHROP, CA 95330
FOR: CITY OF LATHROP

JUSTIN NARTKER

DEPUTY DIRECTOR - PUBLIC SERVICES

CITY OF ROCKLIN

3970 ROCKLIN ROAD

ROCKLIN, CA 95677-2720

FOR: CITY OF ROCKLIN

CHUCK AUKLAND
CITY OF REDDING
777 CYPRESS AVENUE
REDDING, CA 96049-6071
FOR: CITY OF REDDING

MIKI TSUBOTA
ASSISTANT CITY ENGINEER
CITY OF BRENTWOOD
150 CITY PARK WAY
BRENTWOOD, CA 94513
FOR: CITY OF BRENTWOOD

DON FRASCINELLA
TRANSPORTATION MANAGER
CITY OF HAYWARD
777 B STREET
HAYWARD, CA 94541
FOR: CITY OF HAYWARD

ERIC ALVAREZ

CAPITAL PROGRAM MANAGER

CITY OF STOCKTON-PUBLIC WORKS DEPT.

22 E. WEBER AVENUE, ROOM 301

STOCKTON, CA 95202

FOR: CITY OF STOCKTON

WALLY SANDELIN
PUBLIC WORKS DIRECTOR
CITY OF LODI
221 WEST PINE STREET
LODI, CA 95240
FOR: CITY OF LODI

BRUCE BURNWORTH
CITY ENGINEER
CITY OF LINCOLN
600 SIXTH STREET
LINCOLN, CA 95648
FOR: CITY OF LINCLON

RICHARD CARTER
CAPITAL PROGRAM MANAGER
CITY OF ELK GROVE
8401 LAGUNA PALMS WAY
ELK GROVE, CA 95758
FOR: CITY OF ELK GROVE

Information Only

WENN CHYN, P.E. PROJECT MGR. - BRIDGE IMPROVEMENT PROG. CITY OF TORRANCE CITY OF LOS ANGELES EMAIL ONLY EMAIL ONLY, CA 00000

LEA REIS 20500 MADRONA AVE. TORRANCE, CA 90503

ELIZABETH OVERSTREET PROJECT MANAGER
CITY OF TORRANCE
20500 MADRONA AVENUE
TORRANCE, CA 90503-2684

RAFAEL CASILLAS PRINCIPAL CIVIL ENGINEER CITY OF SANTA FE SPRINGS 11710 TELEGRAPH ROAD SANTA FE SPRINGS, CA 90670

GUILLERMO MARTINEZ, JR.

TRANSPORTATION ASSOC. ENGR.

PORT OF LOS ANGELES

425 S. PALOS VERDES, 3RD FLOOR

REMINDALE, CA 91706

GENICHI KANOW

SENIOR PROJECT MANAGER

ALAMEDA CORRIDOR-EAST CONSTRUCTION AUTH.

1800 RIVERGRADE RD., STE. A120

1800 RIVERGRADE RD.

PHILLIP H. BALMEO, P.E.

SR. PROJECT MANAGER
EAST CONSTRUCTION AUTHORITY
4900 RIVERGRADE RD., STE. A120
IRWINDALE, CA 91706

JAY BAUTISTA
PRINCIPAL ENGINEER
OITY OF ONTARIO
303 EAST B STREET
ONTARIO, CA 91764 FOR: ALAMEDA CORRIDOR EAST CONSTRUCTION AUTHORITY

LOUIS ABI-YOUNES CITY ENGINEER CITY OF ONTARIO 303 EAST B STREET ONTARIO, CA 91764 ALLEN UDE ASSOC. CIVIL ENGINEER COUNTY OF LOS ANGELES 900 S. FREMONT, 11TH FLOOR ALHAMBRA, CA 91803

LARRY HALWEG FEDERAL STATE RAILROAD PROGRAMS SECTION CITY ENGINEER L.A. COUNTY - DEPT. OF PUBLIC WORKS CITY OF OCEANSIDE 900 S. FREMONT AVENUE, 11TH FLOOR
300 NORTH COAST HIGHWAY
ALHAMBRA, CA 91803-1331
OCEANSIDE CA 92054 ALHAMBRA, CA 91803-1331

SCOTT SMITH, PE OCEANSIDE, CA 92054

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DOUGLAS ENGINEERING INC,.

414 TENNESSEE ST., STE. G

REDLANDS, CA 92373-8152

DENNIS SAYLOR

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1170 W. 3RD STREET, 2ND FLOOR

SAN BERNARDINO, CA 92410

PAUL MELOCOTON

DOUG LEWIS SAN BERNARDINO ASSOCIATED GOVERNMENTS

1170 W. 3RD ST., FLOOR 2

SAN BERNARDINO, CA 92410

SAN BERNARDINO, CA 92415-0835

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GRANVILLE BOWMAN 825 E. THIRD STREET, RM. 143 COUNTY OF SAN BERNARDINO SAN BERNARDINO, CA 92415-0835 825 EAST THIRD STREET, ROOM 143 SAN BERNARDINO, CA 92415-0835

KHALID NASIM ENGINEERING DIVISION MANAGER COUNTY OF RIVERSIDE 4080 LEMON STREET, 8TH FLOOR RIVERSIDE, CA 92502

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BENJAMIN KU ORANGE COUNTY TRANSPORTATION AUTHORITY 600 S. MAIN ST. ORANGE, CA 92863

MATTHEW MCCONNELL ORANGE COUNTY TRANSPORTATION AUTHORITY 600 S. MAIN ST. ORANGE, CA 92863

MARZIEH GHANDEHARI J. L. PATTERSON & ASSOCIATES, INC. 725 TOWN & COUNTRY ROAD, STE. 300 ORANGE, CA 92868

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JEFFREY CUTHERELL PRESIDENT GREATER BAKERSFIELD SEPARATION OF GRADE CITY OF MADERA 2708 EL PORTAL DR. BAKERSFIELD, CA 93309

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KEITH HELMUTH, P.E. CITY OF MADERA 205 W. FOURTH STREET MADERA, CA 93637

DANIEL ABDELLA GRANTS DIRECTOR CITY OF MADERA 205 W. 4TH STREET MADERA, CA 93711

JOHN ROBERTSON COUNTY OF FRESNO 2220 TULARE AVENUE, 7TH FLOOR FRESNO, CA 93720

JANE GOMERY CITY OF BURLINGAME 501 PRIMROSE ROAD BURLINGAME, CA 94010

JOEL SLAVIT CAPITAL PROGRAMMING AND GRANTS ADMIN. CITY ENGINEER 1250 SAN CARLOS AVENUE SAN CARLOS, CA 94070-1306 FOR: PENINSULA CORRIDOR JOINT POWERS BOARD

ANTHONY SALAM CIP ENGINEERING MANAGER
CITY OF BRENTWOOD 150 CITY PARK WAY BRENTWOOD, CA 94513

SOREN FAJEAU CITY OF NEWARK 37101 NEWARK BLVD. NEWARK, CA 94560

LIZ FRENCH 3331 N. FIRST STREET - BLDG. B2 SAN JOSE, CA 95134

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MARK A. IMBRIANI MARK A. IMBRIANI

VP - PROJECT MANAGER

CITY OF ROCKLIN

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10680 WHITE ROCK ROAD, STE. 100

ROCKLIN, CA 95677 RANCHO CORDOVA, CA 95670

ART MORIMOTO CITY OF BURLINGAME 501 PRIMROSE RD. BURLINGAME, CA 94010

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STEVE ESCOBAR SANTA CLARA VALLEY TRANSPORTATION AUTH. DEP. PORT DIR. OF REAL ESTATE/PORT DEV'T PORT OF STOCKTON 2201 W. WASHINGTON STREET STOCKTON, CA 95201

> TIM OGDEN CITY ADMINISTRATOR CITY OF WATERFORD 312 E STREET WATERFORD, CA 95386

SUKHPAL MANN

GARY GRUNWALD CITY OF ELK GROVE 8401 LAGUNA PALMS WAY ELK GROVE, CA 95758

ROB HIMES CONSULTANT MARK THOMAS & COMPANY 7300 FOLSOM BVD., STE. 203 SACRAMENTO, CA 95826

GARY OTREMBA CITY OF REDDING 777 CYPRESS AVE., PO BOX 496071 REDDING, CA 96049-6071

MATT SATOW SENIOR PROJECT MANAGER MARK THOMAS & CO. 7300 FOLSOM BLVD., SUITE 203 SACRAMENTO, CA 95826

MIKE HIGGINS PARSONS TRANSPORTATION GROUP 2495 NATOMAS PARK DR., STE. 600 SACRMENTO, CA 95833

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CALIF PUBLIC UTILITIES COMMISSION DIVISION OF ADMINISTRATIVE LAW JUDGES ROOM 5022 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

MATTHEW B. GEORGE CALIFORNIA DEPARTMENT OF TRANSPORTATION EXECUTIVE DIRECTOR LEGAL DIV. MS 57 1120 N STREET, PO BOX 1438 SACRAMENTO, CA 95812-1438

BIMLA G. RHINEHART CALIFORNIA TRANSPORTATION COMMISSION 1120 N. STREET, ROOM 2233 (MS-52) SACRAMENTO, CA 95814

BRUCE W. PLOWMAN CHIEF CALIF. DEPT. OF TRANSPORTATION, DIV RAIL 1120 N STREET SACRAMENTO, CA 95814

(End of Appendix B)

SEAN WILSON